

General Conference Information

This year’s Montana Aviation Conference is co-hosted by the Montana Department of Transportation Aeronautics Division and the following organizations:

Experimental Aircraft Association (EAA) – since 1959. For anyone interested in sport or general aviation. Promotes building and flying one’s own aircraft while maintaining high standards of quality and safety.

Montana Antique Aircraft Association (MAAA) – since 1978. For anyone interested in preserving and “Keeping the Antiques Flying” with an appreciation and interest in antique/classic aircraft. Non-pilots welcome.

Montana Airport Managers Association (MAMA) – since 1958. Formed to provide professional codes and standards for airport management, promote public understanding of the value of aviation and airports to the community, promote high standards of technical operations to insure safe operation of airports, interchange experiences, and promote development of airports.

Montana Aviation Trades Association (MATA) – since 1955. To foster, promote and protect the commercial aviation industry in the great State of Montana. Membership consists of FBOs, mechanics, professional pilots, agriculture operators, aviation suppliers, and others involved in commercial aviation.

Montana Pilots Association (MPA) – since 1938. A statewide organization of pilots formed to support and promote general aviation. The MPA functions through a number of local Hangars in various cities in Montana.

Registration Desk

The registration desk is located in the lobby of the Heritage Inn. Staff will be available at the registration desk to assist you during scheduled registration and conference hours:

- Wednesday, February 27 - 3:00 p.m. – 5:00 p.m.**
- Thursday, February 28 - 7:30 a.m. – 11:00 a.m. & 1:30 p.m. – 5:00 p.m.**
- Friday, February 29 - 7:00 a.m. – 11:00 a.m. & 1:30 p.m. – 5:00 p.m.**
- Saturday, March 1 - 7:00 a.m. – 11:00 a.m. & 1:30 p.m. – 3:00 p.m.**

Registration Fees

A takeoff to landing package may be purchased this includes registration to the conference and all meals; prices are \$130/person or \$250 person/spouse; conference registration fee is \$75/person (includes 1 Friday dinner/dance ticket and 1 Saturday luncheon ticket) or \$140/family (includes 2 Friday dinner/dance tickets and 2 Saturday luncheon tickets). Mechanics wishing to attend only the Saturday refresher course may purchase a day pass for \$20 per person. Meal tickets may be purchased separately 48 hours in advance, prices are Thursday luncheon – \$15 per person; Friday luncheon - \$15 per person; Friday dinner/dance - \$30.00 per person; Saturday luncheon - \$15 per person and Saturday banquet \$30 per person. Please take care to keep event tickets with you, as they will be required for entrance.

Name Badges

Please wear your conference name badges at all times. Badges are required for entrance to the exhibitor area and concurrent sessions.

Exhibit Reception/Luncheon and Hours

Registered participants are welcome to attend a cocktail reception sponsored by City Service Valcon/Phillips 66 Aviation in the Exhibit Hall Thursday evening from 5:00 p.m. – 6:30 p.m. On Saturday a box luncheon will be held in the Exhibit Hall from 11:30 a.m. – 1:30 p.m. thousands of dollars in door prizes will be given away during this luncheon. Exhibitors will be available to answer any questions you may have regarding their products or services. The Exhibit Hall is located in the Convention Area.

Exhibit Hall Hours:

- Thursday, February 28: 10:00 a.m. – 11:15 a.m. & 2:00 p.m. – 6:30 p.m.**
- Friday, February 29: 9:00 a.m. – 11:00 a.m. & 2:00 p.m. – 5:00 p.m.**
- Saturday, March 1: 9:30 a.m. – 2:30 p.m.**

Concurrent Session Choices

Each session is filled on a first-come, first-served basis. There should be ample seating, but if a room is filled, please refer to your conference program and attend another session. Sessions that are offered twice are indicated so in the program.

Refreshment breaks

All refreshment breaks will be available in the Exhibit Hall during the conference. Refreshments are served at 10:00 a.m. and 3:00 p.m. each day, with the exception of Saturday afternoon as the exhibit area closes at 2:30 p.m.

Silent Auction

The Montana Pilots Association will be conducting a Silent Auction. The purpose of the auction is to help replenish the Montana Pilots Association Recreation Airstrip Committee Fund. The last few years the fund has been used in projects statewide. Some projects have consisted of pilot lounge improvements, picnic tables, barbeque pits and many other airport improvements related to camping and recreation facilities. Photos and descriptions of the items for auction may be viewed at the Montana Pilots Association booth during regular Exhibit Hall hours. Items will then be on display in the Clark Room from 8:00 a.m. to 1:00 p.m. on Saturday, March 1. Beginning at 1:30 p.m. to 2:30 p.m. the highest bidder will be announced and the item will be available for pick up. For further information on this auction please see a representative at the Montana Pilots Association Booth.

Emergency Medical Services

In the case of a medical emergency, please advise staff at the Conference Registration Desk, or call the hotel operator by dialing “0”.

Cell phones

As a courtesy to others please turn off cell phones during meals & sessions – thank you.

Wednesday, February 27, 2008

3:00 p.m. – 5:00 p.m.	Heritage Inn Lobby
Conference Registration	

Thursday, February 28, 2008

7:30 a.m. – 11:00 a.m.	Heritage Inn Lobby
Conference Registration	

8:00 a.m. – 12:30 p.m.	Clark Room
-------------------------------	-------------------

Take Off With Aviation Education – Instructor, Richard Klein
Topics include: Songs to Fly By, Imaginary Flying Things, Aviation History Timeline and Student Research Reports, Internet Resources, Using Motion Pictures for Aviation Education Involving Mathematics and Science, Temperature Lapse Rates, Bernoulli’s Principle and the Four Forces of Flight, Newton’s Third Law and Balloon Rockets, Flying Paper Airplanes to Calculate Mean and Median Statistics, Constructing a Homemade Compass Rose and Using it on Maps, Locating Aeronautical Chart Symbols on Montana Aeronautical Charts, Using Latitude and Longitude Coordinates to Find Places on Montana Aeronautical Charts, Planning a Flight from Malta to Three Forks

9:00 a.m. – 9:30 a.m.	Montana/Alberta Room
Exhibitor Meeting	

10:00 a.m. – 11:15 a.m.	Convention Area
Display Area Open – Refreshments served at 10:00 a.m.	

11:30 a.m. – 1:15 p.m.	Convention Area
Kick-off Luncheon	
Colors Presented by – Montana Air National Guard	
Master of Ceremonies – Larry Ashcraft, AOM	
Speaker – Col. Michael J. McDonald	
“The Hays MOA and How I Got There”	
Menu – Beef Stir Fry, tossed salad, dinner roll, coffee & tea,	

12:30 p.m. – 4:00 p.m.	Clark Room
-------------------------------	-------------------

Take Off With Aviation Education – Instructor, Richard Klein
Topics include: Maximum Elevation Figures on Aeronautical Charts to Determine Landforms and Graphing on Excel, Jeanne MacPherson on Montana Search and Rescue, Search and Rescue Activity including use of Google Earth Satellite Views, and the Science of Flight Kit

Thursday, February 28, 2008, continued

1:45 p.m. – 2:45 p.m.	Canadian Room
FAA Open Forum Dennis Roberts, Regional Administrator, Northwest Mountain Region	
2:00 p.m. – 6:30 p.m.	Convention Area
Display Area Open – <i>Refreshments served at 3:00 p.m.</i>	
3:00 p.m. – 3:45 p.m.	see location below
Concurrent Sessions	
Shot Down in Laos – February 1971, the Mission and Rescue Dave Hedditch <i>Please Note: This session will be offered again on Friday, February 29 from 2:00 p.m. to 2:45 p.m. in the Montana/Alberta Room</i>	American Room
Flying Weather in Montana: With a guest speaker From the Center Weather Service Unit Jim Brusda, Michelle Mead & David Hogan, National Weather Service	Britain Room
Airport Safety, Self Inspection and Winter Airfield Maintenance Dave Lepine, Kadrmas, Lee & Jackson	Canadian Room
3:00 p.m. – 5:00 p.m.	Montana/Alberta Room
MAMA General Membership Meeting	
3:30 p.m. – 5:00 p.m.	Missouri Room
MATA Business Meeting	
4:00 p.m. – 4:45 p.m.	see location below
Concurrent Sessions	
Flying the Oregon, California, Mormon and Santa Fe Trails William White	American Room
Aerospace Physiology J. R. Brown <i>Please Note: This session will be offered again on Friday, February 29 from 9:00 a.m. to 9:45 a.m. in the Montana/Alberta Room</i>	Britain Room
Open Forum for EAA Tom Wrobel and Clayton Wilhelm	Canadian Room
5:00 p.m. – 6:30 p.m.	Convention Area
Cocktail Hour/Exhibitor Awards Sponsored by: City Service Valcon/Phillips 66 Aviation	

Friday, February 29, 2008

7:00 a.m. – 11:00 a.m.	Heritage Inn Lobby
Conference Registration	
7:15 a.m. – 9:00 a.m.	Canadian Room
Aircraft Mechanics Refresher Seminar & IA Renewal	
7:15 a.m. – 7:50 a.m. --	Registration for IA's
7:50 a.m. – 8:00 a.m. --	Introductory – Michael Rogan, MDT Aeronautics Division
8:00 a.m. – 9:00 a.m. --	Propeller De-Ice & Vacuum Pump Care – Mike Lotzer, Rapco Inc.

Friday, February 29, 2008, continued

9:00 a.m. – 11:30 a.m. Canadian Room

Aircraft Mechanics Refresher Seminar & IA Renewal
9:00 a.m. – 10:00 a.m. -- RSA Fuel Injection System/Precision’s Electronic Ignition & Fuel System – Peter Neilson, Precision Airmotive
10:15 a.m. – 11:30 a.m. -- Care & Maintenance of Aircraft Tires – Dick Delagrange, Goodyear Aviation Tires

8:00 a.m. – 9:00 a.m. Room 201

EAA Business Meeting

8:00 a.m. – 11:15 a.m. American Room

Take Off With Aviation Education – Instructor, Richard Klein
Hands on Aviation Stations for Students from 9:45 a.m. to 11:15 a.m. conducted by workshop Teachers

9:00 a.m. – 9:45 a.m. See location below

Concurrent Sessions

Aviation Physiology Montana/Alberta Room
JR Brown, FAA

Russian Flat: Montana’s Newest Missouri Room
Backcountry Airfield
Dan Prill

9:00 a.m. – 10:30 a.m. Britain Room

MDT Aeronautics Division; Aeronautics Board & Aviation Organizations Round Table
AMAA, EAA, MAAA, MAMA, MATA, MFF, MPA, MSPA, 99’s

9:00 a.m. – 11:00 a.m. Lewis Room

MAMA GA Airport Training Session
Paul Lachapelle, Montana State University - Serving on Airport Boards: Statutory Requirements and Useful Techniques for Successful Meetings
Jim Greil, MDT Aeronautics – State Airport Zoning Laws

9:00 a.m. – 11:00 a.m. Convention Area

Display Area Open – Refreshments served at 10:00 a.m.

10:30 a.m. – 11:15 a.m. See location below

Concurrent Sessions

Cromwell Dixon: A Boy & His Plane, 1892-1911 Montana/Alberta Room
Martin Kidston

Customs Issues for Montana Pilots Missouri Room
Bob Gadsby

11:30 a.m. – 1:15 p.m. Convention Area

Awards Luncheon
Colors Presented by: CAP Honor Guard
Master of Ceremonies: Steve Keller
Menu: Lasagna, Tossed Salad, Vegetable, Garlic Roll, Coffee/Tea

12:30 p.m. – 3:00 p.m. Clark Room

Take Off With Aviation Education – Instructor, Richard Klein
Topics Include: Composition of the Atmosphere and Effects of Hypoxia During Flight, Using Time Zones and Negative and Positive Integers for Pre-Algebra Instruction, Using New Mexico Aeronautical Charts to Discover Area 51 Secrets, and How the Wright Brothers Trumped the Wright Brothers! Dan Brown on Aviation’s Effect on a Montana Educator. Participants will then attend concurrent session on “The Iditarod by Airplane, Dog Sled, and Snowmobile”

Friday, February 29, 2008, continued

1:30 p.m. – 3:30 p.m.	Meet in Hotel Lobby
Spouse/Guest Tour - Sign up sheet at conference registration desk (space is limited) “Historic” Tour of Great Falls – Enjoy a visit to many of the area attractions. Learn about world-renowned artists, Mother Nature’s breathtaking waterfalls, and many of the earliest buildings in Great Falls.	
1:30 p.m. – 5:00 p.m.	Heritage Inn Lobby
Conference Registration	
2:00 p.m. – 5:00 p.m.	Convention Area
Display Area Open – Refreshments served at 3:00 p.m.	
2:00 p.m. – 2:45 p.m.	see location below
Concurrent Sessions	
Lighten up! The humorous side of flying the Alaska Bush Mike Vivion, University of Minnesota, Crookston	American Room
The Rebuilding of the Comstock Pietenpol Patrick Kenney, Sabrina Brawley, Alyssa Espinoza, Paulette Shore	Britain Room
Shot Down in Laos – February 1971, the Mission and Rescue Dave Hedditch	Montana/Alberta Room
What Is So Great About Your Airport Rick Griffith, Butte, Moderator; Cynthia Schultz, Great Falls; Rick Newman, St. Ignatuis; John Smith, Laurel; Don Misevic, Stevensville; Jerry Moline, Lewistown	Missouri Room
2:00 p.m. – 5:30 p.m.	Canadian Room
Aircraft Mechanics Refresher Seminar and IA Renewal 2:00 p.m. – 3:00 p.m. -- Installation of 406 ELT, Aging Aircraft Issues With Avionics Equipment, Wiring & Hardware - Mitch Steinberg, Rocky Mountain Aircraft 3:15 p.m. – 4:30 p.m. -- Cylinder Anatomy, What Goes On Inside a Cylinder – Tim Morland, Engine Components, Inc. 4:30 p.m. – 5:30 p.m. -- Fabric Covering Procedures – Carol Leyner, Colorado Classic	
3:00 p.m. – 3:45 p.m.	see location below
Concurrent Sessions	
98.6 Degrees: Survival Medicine for Aviators Randle Corfman, M.D. <i>Please Note: This session will be offered again on Saturday, March 1 from 10:30 a.m. – 11:15 a.m. in the Missouri Room</i>	American Room
The Iditarod by Airplane, Dog Sled & Snowmobile Bill Gallea, M.D. and Jeanne MacPherson, MDT Aeronautics	Britain Room
Using faasafety.gov & the New Pilot Proficiency Program (WINGS) Steve Jones, FAA	Montana/Alberta Room
3:00 p.m. – 4:00 p.m.	Lewis Room
99’s Business Meeting	

Friday, February 29, 2008, continued

3:30 p.m. – 6:30 p.m.	Great Falls Airport
Tour Static Display (North American AT6; Vultee BT-13A; Harmon Rocket; Lockheed T-33; Searey; North American T-28; Bellanca Cruisemaster; Cirrus SR22 G3 and a Dehavilland Beaver) aircraft are based at Holman Aviation, buses will then transport participants from Holman for a guided tour of Department of Homeland Security Customs Border Protection/Air Marine Operations/MT Aviation Branch, where they can sit in the only ski equipped UH-60 in their inventory followed by a tour of Avmax Group Inc. a world-renowned maintenance and aviation support organization and a tour of Great Falls International Airport. Recent upgrades qualify Great Falls International as a Category III airport, the first of its kind in Montana and among only 57 across the U.S. The MPA Hospitality will be held in Static Display area at Holman Aviation. Transportation is also provided from Holman Aviation to the Great Falls Airport for the Friday evening festivities.	

Those that require transportation to static display meet in hotel lobby

6:30 p.m.	Great Falls Airport/Panorama Room
Dinner/Entertainment – Two complimentary drink tickets and buffet dinner are included in the registration packet to those registered and paid for the entire Conference. Buses will be available for transportation from Holman Aviation/Static Display area and Heritage Inn Parking lot. We would encourage you to use the transportation provided as parking is limited.	
Menu: Shrimp Fettuccine; Chicken Marsalla, Caesar Salad, Fruit Salad, Oven Roasted Red Potatoes, Brownies	
Entertainment: Rob Quist	

Saturday, March 1, 2008

7:00 a.m. – 11:00 a.m.	Heritage Inn Lobby
Conference Registration	
7:00 a.m. – 11:30 a.m.	Canadian Room
Aircraft Mechanics Refresher Seminar and IA Renewal	
7:00 a.m. – 10:15 a.m. -- FAA – Helena FSDO	
10:30 a.m. – 11:30 a.m. -- Bonanza & Baron Landing Gear Maintenance – Neil Pobanz, American Bonanza Society	
7:30 a.m. – 9:00 a.m.	Lewis Room
Angel Flight West – MT Wing Breakfast Meeting	
8:00 a.m. – 10:30 a.m.	Montana/Alberta Room
Flying Companion Seminar	
Linda Marshall, Tina Pomeroy, Francis Gilliam - Montana 99s	
8:00 a.m. – 2:30 p.m.	Clark Room
Montana Pilots Association Silent Auction Display	
For further information visit the Montana Pilots Association Booth in the Convention Area	
8:00 a.m. – 12:00 p.m.	Great Falls Airport/Holman Aviation
Takeoff With Aviation Education – Tour of Air National Guard, Preflight of airplane, flight simulation and orientation flights (weather permitting).	
Richard Klein	
8:30 a.m. – 10:00 a.m.	Britain Room
MPA Business Meeting	

Saturday, March 1, 2008, continued

9:00 a.m. – 9:45 a.m.	see location below
<i>Concurrent Sessions</i>	
Aviation Accident Investigations Kristi Dunks, NTSB	American Room
Our Role in National Security SAIA Tom Stanton, Customs Border Protection/Air Marine Operations/MT Aviation Branch	Missouri Room
9:30 a.m. – 2:30 p.m.	Convention Area
Display Area Open – <i>Refreshments served at 10:00 a.m.</i>	
10:30 a.m. – 11:15 a.m.	see location below
<i>Concurrent Sessions</i>	
Aviation History Anne Millbrooke	American Room
Making the Most of Every Landing—and Other Recurrent Training Sessions Mike Vivion, University of Minnesota, Crookston	Britain Room
98.6 Degrees: Survival Medicine for Aviators Randle Corfman, M.D.	Missouri Room
10:30 a.m. – 11:30 a.m.	Room 201
AOM Business Meeting	
11:30 a.m. – 1:30 p.m.	Convention Area
Luncheon Menu: Assorted sandwiches; chips; fruit; cookie; beverage Luncheon begins at 11:30 a.m. and is free to those registered for entire Conference. Thousands of dollars of door prizes to be given away.	
1:00 p.m. – 5:45 p.m.	Canadian Room
Aircraft Mechanics Refresher Seminar and IA Renewal 1:00 p.m. – 2:00 p.m. -- Care & Feeding of your Continental Motor – Loren Lemen, Teledyne Continental Motors 2:00 p.m. – 3:00 p.m. – Update on Cylinders, New Engines & FADEC System – Loren Lemen, Teledyne Continental Motors 3:15 p.m. – 4:30 p.m. – Oil and Oil Filter Analysis – Vince Bechtel, Tempest 4:30 p.m. – 5:30 p.m. – IA Library, AD Research, AC Profiles – Fred Meis, Aircraft Technical Publishers 5:30 p.m. – 5:45 p.m. – Certificates of Attendance	
2:00 p.m. – 2:45 p.m.	see location below
<i>Concurrent Sessions</i>	
Flying to Alaska Tom George	American Room
Buying and Selling Aircraft Steve Rossiter, American Aircraft Traders, LLC	Britain Room
Salt Lake Center and You, What’s New Troy Decker, SLC Center	Montana/Alberta Room
2:00 p.m. – 3:00 p.m.	Missouri Room
MAAA Business Meeting	

Saturday, March 1, 2008, continued

3:00 p.m. – 3:45 p.m.	see location below
<i>Concurrent Sessions</i>	
Using the NAV Canada Web Site for Weather, Flight Planning, NOTAMS Bram Tilroe	American Room
Aircraft Appraisals Steve Rossiter, American Aircraft Traders, LLC	Britain Room
The Legislative Process of Law Making Mike Milburn	Montana/Alberta Room
5:30 p.m. – 6:30 p.m.	French Quarter
MDT Aeronautics Showcase	
5:30 p.m. – 6:30 p.m.	Convention Area
No Host Hospitality Hour	
6:30 p.m. – 10:00 p.m.	Convention Area
Banquet	
Colors Presented by: Lewis & Clark Honor Guard	
Master of Ceremonies: Ed Buttrey, Chairman, Great Falls Airport Authority	
Speaker: Dick Rutan	
“Around the Out of this World”	
Menu: Prime Rib, Twice Baked Potato, Garden Vegetables, Tossed Salad, dinner roll, coffee/tea, Chocolate Mousse in Chocolate Victoria Cup	

Program Artwork by: Steve Kleimer

Special thanks to Morrison-Maierle Inc. for conference signs